

Message Text

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61

ACTION EUR-25

INFO OCT-01 NEA-10 ADP-00 CIAE-00 PM-09 INR-10 L-03

NSAE-00 PA-03 RSC-01 PRS-01 GAC-01 USIA-12 TRSE-00

MBFR-03 SAJ-01 SS-15 NSC-10 DODE-00 SCI-06 NSF-04

HEW-08 DOTE-00 INT-08 HUD-02 CEQ-02 COME-00 FAA-00

EPA-04 RSR-01 INRE-00 EB-11 /151 W
----- 043726

P R 112202 Z APR 73

FM AMEMBASSY OTTAWA

TO SECSTATE WASHDC PRIORITY 842

INFO AMEMBASSY ATHENS

AMEMBASSY ANKARA

AMEMBASSY BONN

AMEMBASSY BRUSSELS

AMEMBASSY COPENHAGEN

AMEMBASSY LISBON

AMEMBASSY LONDON

AMEMBASSY LUXEMBOURG

AMEMBASSY OSLO

AMEMBASSY PARIS

AMEMBASSY REYKJAVIK

AMEMBASSY ROME

AMEMBASSY THE HAGUE

USMISSION NATO

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E. O. 11652: N/ A

TAGS: SENV, NATO

SUBJECT: CCMS: APRIL 1973 PLENARY - U. S. PROPOSAL FOR GEOTHERMAL
AND SOLAR CCMS ENERGY PROJECTS.

1. SUMMARY: UNDER NEW PROJECTS ITEM, USDEL (TRAIN) ELABORATED
ON HIS PUBLIC ROUND TABLE REMARKS, REGARDING U. S. PROPOSAL
FOR CCMS PILOT STUDY IN FIELD OF SOLAR AND GEOTHERMAL
ALTERNATIVE ENERGY SOURCES. TRAIN STRESSED THAT U. S. PLANNING
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FOR PROPOSED GEOTHERMAL AND SOLAR ENERGY PROJECTS WAS AT PRELIMINARY STAGE AND THAT WE WOULD WELCOME THE IDEAS OF OTHER COUNTRIES. REACTION TO U. S. PROPOSAL GENERALLY FAVORABLE. END SUMMARY

2. U. S. WILL BE IN FURTHER CONTACT WITH OTHER ALLIES ON PROPOSED GEOTHERMAL AND SOLAR ENERGY PROJECTS AND EXPECTS TO CALL AN EXPERTS MEETING IN PARIS IN EARLY JULY IN CONJUNCTION WITH INTERNATIONAL SOLAR ENERGY SOCIETY CONFERENCE JULY 2-5. LEADING SOLAR ENERGY SCIENTISTS ARE EXPECTED TO ATTEND, THUS OFFERING PROBABLY BEST OPPORTUNITY FOR EXCHANGE ON POSSIBILITIES FOR DEMONSTRATION WORK IN SOLAR ENERGY FIELD. A STUDY TOUR OF SOLAR ENERGY LABORATORIES AND OTHER FACILITIES IN CENTRAL AND SOUTHERN EUROPE WOULD FOLLOW THE SOCIETY'S CONFERENCE AND WOULD PROVIDE AN OPPORTUNITY TO SEE ADVANCED WORK UNDER WAY AND ENABLE IDENTIFICATION OF ADDITIONAL POSSIBILITIES FOR PILOT STUDY WORK. TRAIN SUGGESTED THAT GEOTHERMAL ENERGY PROSPECTS COULD ALSO POSSIBLY BE EXPLORED AT SAME TIME AS PARIS SOLAR ENERGY EXPERTS MEETING, IN CONJUNCTION WITH POSSIBLE SITE VISITS IN ITALY, ICELAND AND ELSEWHERE, LOOKING TOWARD DEVELOPMENT OF MORE SPECIFIC PILOT STUDY ACTIVITY IN GEOTHERMAL FIELD. TRAIN STATED PREPARATORY WORK SHOULD TAKE RESULTS OF RECENT UN SYMPOSIA ON GEOTHERMAL ENERGY INTO ACCOUNT.

2. FRENCH DEL OFFERED TO SUPPLY OTHER DELS WITH PARTICULARS ON INTERNATIONAL SOLAR ENERGY CONFERENCE IN PARIS. CANADIAN DEL (EDGEWORTH) EXPRESSED INTEREST IN SOLAR AND GEOTHERMAL WORK AND WILLINGNESS TO JOIN IN PRELIMINARY DISCUSSIONS. HE QUERIED WHETHER NATO SCIENCE COMMITTEE PLANNING WORK ON GEOTHERMAL ENERGY. RANDERS REPLIED THAT SCIENCE COMMITTEE HAD CONSIDERED POSSIBILITY BUT HAD NOT DEVELOPED PROGRAM. IN ANY EVENT, EXAMINATION OF PRACTICAL METHODS FOR UTILIZATION OF ALTERNATIVE ENERGY SOURCES WOULD LEND ITSELF TO CCMS APPROACH. SCIENCE COMMITTEE MIGHT LEND SUPPORT ON PURELY SCIENTIFIC SIDE.

3. ITALIAN DEL (CALENDIA) INFORMED GROUP THAT 20 PERCENT OF ENERGY CONSUMED IN ITALY WAS GEOTHERMALLY PRODUCED. HE ALSO TOLD TRAIN PRIVATELY THAT ITALY WOULD LIKE TO CO- PILOT SOLAR ENERGY PROJECT. USDEL (TRAIN) NOTED THAT GEOTHERMAL ENERGY PROSPECTS WERE NOT CONFINED ONLY TO SEISMICALLY ACTIVE AREAS WHERE GEOTHERMAL WATER RESOURCES MIGHT NATURALLY OCCUR, BUT THAT FURTHER DEVELOPMENT OF ADVANCED DRILLING TECHNIQUES MAY

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WELL ENABLE HOT ROCK TO BE TAPPED FOR STEAM GENERATION FROM

WATER IN MOST PARTS OF THE WORLD. HE STATED THAT GEOTHERMAL ALTERNATIVE WAS THUS AN INTERESTING POSSIBILITY FOR MANY COUNTRIES.

4. FRG (MENKE- GLUCKERT) STRESSED IMPORTANCE OF EXAMINING ENVIRONMENTAL ASPECTS OF ENERGY ALTERNATIVES. FRG' S OWN ENERGY ASSESSMENT WORK HAD SUGGESTED THAT PRACTICAL UTILIZATION OF SOURCES SUGGESTED BY U. S. MAY STILL BE IN FUTURE. HE ALSO URGED THAT RESULTS OF SWISS CONFERENCE OF TWO YEARS AGO ON ALTERNATIVE ENERGY SOURCES, STRESSING ECONOMIC CONSIDERATIONS, BE TAKEN INTO ACCOUNT.

5. FRENCH DEL (BARRE) NOTED THAT FRANCE' S RATHER EXTENSIVE WORK ON SOLAR ENERGY WAS STILL PURELY SCIENTIFIC, RATHER THAN APPLIED. UK DEL (COTTRELL) URGED THAT CCMS ACTION APPROACH MIGHT YIELD BEST RESULTS IN EXAMINING MOST PRACTICAL CURRENT ASPECTS (RESIDENTIAL SPACE HEATING) OF SOLAR ENERGY UTILIZATION. EXISTING BUILDING CONSTRUCTION TECHNIQUES MIGHT BE RE- EXAMINED IN THIS LIGHT, WITH THE AIM OF ACHIEVING A SHORTER TERM IMPACT ON ENERGY PROBLEMS BY A PRACTICAL UTILIZATION OF SOLAR ENERGY FOR HEATING PURPOSES.

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